

KEY FEATURES

● VCC-M2H10BI-4FN1



USB
ONVIF
VISCA

- Zoom: Optical 5X, 10X, 20X
- Video Output: 3G-SDI(1080p, 1080i)+IP+USB2.0
- SDI/HDMI resolution up to 1080p60, 1080i59.94
- UVC supported for Huddle Space use
- IP resolution up to 1080P60.
- Control: RS232, RS422/485, IP/Onvif/Visca Over IP
- RTSP, RTMP video streaming
- Power: 12VDC, PoE

FUNCTIONALITY

- Ideal for video-conferencing, Studio, house of worship, broadcast, educational environment, corporate training, distance learning applications.
- With high resolution video and brilliant quality of the image, this triple output PTZ camera provides simultaneous 3G-SDI video with no latency and remote IP streaming and USB video for Unified Communication conferencing applications.
- Compact design and USB2.0 video used for Huddle Space cloud based video conferencing application.
- High quality extremely quiet and smooth Pan/Tilt mechanisms designed for applications requiring high zoom ratios and variable slow speed controls.
- Adaptive speed for slow movement when running zoom-in application.
- Speeds of Pan/Tilt and Presets (0-5 level) are adjustable.
- IP protocol RTSP,RTMP for online video streaming.
- Control: RS232/RS422/RS485, IP/Onvif/Visca-Over-IP, UVC, IR Remote Controller. It gives you local control and remote control without distance limitation.
- Image parameter setting restore with presets and quick access operation
- Independent PoE+(IEEE 802.3at) power and 12VDC
- Firmware upgrade via USB2.0.
- Standard mounting and ceiling mounting with E-Flip function



Compact Design



ORDER INFORMATION

- VCC-M2H5BI-4FN1 (5X Zoom, White)
- VCC-M2H10BI-4FN1 (10X Zoom, White)
- VCC-M2H20BI-4FN1 (20X Zoom, White)
- VCC-M2H5BI-4FN1/B (5X Zoom, Black)
- VCC-M2H10BI-4FN1/B (10X Zoom, Black)
- VCC-M2H20BI-4FN1/B (20X Zoom, Black)

Product Specification

	VCC-M2H5BI-4FN1	VCC-M2H10BI-4FN1	VCC-M2H20BI-4FN1
Camera	5X	10X	20X
Image Sensor	1/2.8 inch CMOS 2.13MP	1/2.8 inch CMOS 2.13MP	1/2.8 inch CMOS 2.13MP
Lens	3.2~13.2mm	4.7~47mm	5.2~104mm
Digital Zoom	16X	16X	16X
Horizontal Angle of View	85°(W)~22°(T)	60.9°(W)~6.43°(T)	55.8°(W)~3.2°(T)
Aperture	F1.8(W)~F2.8(T)	F1.6(W)~F3.0(T)	F1.5(W)~F3.0(T)
Min. Illumination	0.5Lux (Day), 0.1Lux (Night)	0.5Lux (Day), 0.1Lux (Night)	0.5Lux (Day), 0.1Lux (Night)
Shutter Speed	1/1~1/10000s	1/1~1/10000s	1/1~1/10000s
Focus	Auto Focus, Manual Focus,		
White Balance	AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB		
Exposure	Full Auto, Shutter Priority, Iris Priority, Manual, Bright,		
Features	Defog mode, Flipper, Mirror, De-Flicker		
WDR	YES		
Defog	YES		
E-FLIP	YES		
Image Stabilizer	-		
Noise Reduction	2D/3D		
S/N Ratio	≥50db		
Mechanical			
Pan Movement	Horizontal:±350 degrees continuous pan (Zoom Adaptive Speed Range: 0.1°~100°/S)		
Tilt Movement	Vertical:+90 degrees to -30 degrees (Zoom Adaptive Speed Range: 0.1°~50°/S)		
Preset Position	128 (Speed adjustable: Up to 150°/S, 6 presets on remote controller.)		
Preset Speed	0~5 Level Adjustable		
Preset Memory	YES, (Preset Memory for image parameters)		
Home Position	Support		
Environmental	Indoor		
Interface			
Video Output	SDI, HDMI, IP, USB2.0 Simultaneous		
Video Format(HDMI)	1080p:60/59.94/50/29.97/30/25; 1080i:60/59.94/50; 720p:60/59.94/50/30/25		
Audio I/O	USB Port. (USB port to 3.5mm audio jack adapter for Audio input x1, Audio output x1 cable included)		
Control Interface	1XRJ45: IP; 2XRJ45: RS232/RS422/RS485, IR Remote Controller		
Control Protocol	VISCA / Pelco D / IP Onvif / VISCA over IP		
System Upgrade	USB2.0 (for FW upgrade only), System upgrade via USB 2.0		
3G-SDI Signal			
3G-SDI	Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)		
Standard	SMPTE 292(1.5Gb/s), SMPTE 425-A(3Gb/s) With SMPTE352 SDI Metadata Supported		
Signal Format	1080p:60/59.94/50/29.97/30/25; 1080i:60/59.94/50; 720p:60/59.94/50/30/29.97/25		
USB Signal			
USB Port	USB2.0, Type B		
Compression	MJPEG、H.264		
Video Format	1920x1080, 1280x720, 720x576, 640x480, 320x240; Frame Rate: 30/25/20/15/10		
Compatible Integration	UVC		
Network			
Video Compression	MJPEG,H.264/265		
IP Video Format	1080p:60/50/30/25; 720p:60/50/30/25		
Protocols	IPv4,TCP/IP,UDP,DHCP,RTP,RTSP,HTTP,RTMP		
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time		
Audio Compression	AAC-LC Broadband Audio Encoding(Duplex Communicate Supported,Audio/Video synchronization)		
OSD	Customized OSD		
Compatible Integration	ONVIF, VISCA Over IP		
General			
Operating Temperature	-10 to +50 (°C)		
Operating Humidity	≤80% Suitable for Use		
Power Input	12VDC, PoE+ (IEEE 802.3at)		
Power Consumption	10.8W		
Dimension	145x152x155mm		
Weight	1.5kg		
Body Color	Black, White		